

**EAST Search History****EAST Search History (Prior Art)**

| Ref # | Hits | Search Query   | DBs   | Default Operator | Plurals | Time Stamp          |
|-------|------|--|---|------------------|---------|---------------------|
| L1    | 1    | "4348458".pn.  | US-PGPUB;<br>USPAT; USOCR   | ADJ              | ON      | 2009/11/04<br>17:25 |
| L2    | 26   | ("2296321"   "3505039"<br>  "3565749"   "4056373"<br>  "4104445"   "4105548"<br>  "4175153"   "4222977"<br>  "4224386").PN. OR<br>("4348458").URPN.  | US-PGPUB;<br>USPAT; USOCR   | ADJ              | ON      | 2009/11/04<br>17:25 |
| L3    | 85   | ("2571457"   "2900708"<br>  "2942931"   "2993018"<br>  "3015873"   "3111396"<br>  "3226263"   "3281261"<br>  "3287112"   "3390106"<br>  "3400189"   "3406025"<br>  "3433632"   "3436248"<br>  "3445202"   "3445361"<br>  "3450510"   "3503844"<br>  "3504730"   "3529044"<br>  "3540884"   "3565749"<br>  "3639953"   "3640693"<br>  "3671228"   "3697262"<br>  "3713865"   "3725186"<br>  "3748119"   "3791798"<br>  "3846527"   "3897221"<br>  "3907954"   "3950478"<br>  "4010233"   "4023489"<br>  "4084036"   "4089921"<br>  "4104445"   "4105548"<br>  "4118225"  <br>"4175154").PN. OR<br>("4222977").URPN. | US-PGPUB;<br>USPAT; USOCR   | ADJ              | ON      | 2009/11/04<br>17:31 |
| L4    | 1    | "10525700".rlan. or ("10".src. and "525700".ap.)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT                                | ADJ              | ON      | 2009/11/04<br>18:45 |
| L7    | 1    | "2776287"  | FPRS; EPO;<br>DERWENT   | ADJ              | ON      | 2009/11/04<br>19:08 |
| S1    | 2    | DE-10114496-\$._DID.   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ              | OFF     | 2009/02/17<br>14:54 |

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| S2 | 1  | nanoscale metal oxide same (carbide or nitride or sulfide) same oxycarboxylic acid same binder   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2009/02/17 15:28 |
| S3 | 9  | sagesser.inv.  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2009/02/17 15:28 |
| S4 | 12 | "5707584"  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2009/02/17 16:34 |
| S5 | 7  | ("4222977"   "4571414"   "5135895").PN. OR ("5707584").URPN.   | US-PGPUB; USPAT; USOCR                                   | ADJ | OFF | 2009/02/17 16:37 |
| S6 | 85 | ("2571457"   "2900708"   "2942931"   "2993018"   "3015873"   "3111396"   "3226263"   "3281261"   "3287112"   "3390106"   "3400189"   "3406025"   "3433632"   "3436248"   "3445202"   "3445361"   "3450510"   "3503844"   "3504730"   "3529044"   "3540884"   "3565749"   "3639953"   "3640693"   "3671228"   "3697262"   "3713865"   "3725186"   "3748119"   "3791798"   "3846527"   "3897221"   "3907954"   "3950478"   "4010233"   "4023489"   "4084036"   "4089921"   "4104445"   "4105548"   "4118225"   "4175154").PN. OR ("4222977").URPN. | US-PGPUB; USPAT; USOCR                                   | ADJ | OFF | 2009/02/17 16:40 |

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| S7  | 22  | ("4010233"   "4089921"<br>  "4094690"   "4222977"<br>  "4310651"   "4312970"<br>  "4340619"   "4342712"<br>  "4482689"   "4698417"<br>  "4770935"   "4772524"<br>  "4797378"   "4806612"<br>  "4824623"   "4863799"<br>  "4895108"   "4961889"<br>  "4966742").PN. OR<br>("5783139").URPN. | US-PGPUB;<br>USPAT; USOCR   | ADJ | OFF | 2009/02/17<br>16:49 |
| S8  | 4   | WO-9922852-\$ DID. OR<br>US-5707584-\$ DID.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2009/02/17<br>17:00 |
| S9  | 3   | ceramic hollow (fiber or<br>fibre) and nanoparticle  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2009/02/17<br>17:31 |
| S10 | 138 | (trioxadecanoic or<br>dioctaheptanoic) acid  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2009/02/17<br>18:10 |
| S11 | 2   | S10 and ceramic hollow<br>(fiber or fibre)   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2009/02/17<br>18:10 |
| S12 | 93  | ceramic hollow (fiber or<br>fibre)   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2009/02/17<br>18:14 |
| S13 | 21  | S12 and manufatur\$3   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2009/02/17<br>18:15 |
| S14 | 72  | "264/634".OCLS.  | US-PGPUB;<br>USPAT; USOCR   | ADJ | OFF | 2009/02/17<br>18:24 |
| S15 | 1   | S14 and ceramic hollow<br>fiber  | US-PGPUB;<br>USPAT; USOCR   | ADJ | OFF | 2009/02/17<br>18:26 |

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| S16 | 2493   | 428/364.ccls.   | US-PGPUB;<br>USPAT  | ADJ | OFF | 2009/02/17<br>18:37 |
| S17 | 1      | S16 and ceramic hollow fiber  | US-PGPUB;<br>USPAT  | ADJ | OFF | 2009/02/17<br>18:37 |
| S18 | 6      | "2,077,373"   | US-PGPUB;<br>USPAT  | ADJ | OFF | 2009/02/18<br>10:05 |
| S19 | 56     | "4329157"   | US-PGPUB;<br>USPAT  | ADJ | OFF | 2009/02/18<br>10:17 |
| S20 | 58     | "4329157"   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2009/02/18<br>10:37 |
| S21 | 406891 | "58" and acid   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2009/02/18<br>11:48 |
| S22 | 33     | S20 and acid  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2009/02/18<br>11:48 |
| S23 | 4      | S20 and carboxylic acid   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2009/02/18<br>11:49 |
| S24 | 88     | ("2911057"   "2958391"<br>  "2961062"   "3001871"<br>  "3022187"   "3226263"<br>  "3228797"   "3238700"<br>  "3246764"   "3247648"<br>  "3303055"   "3344582"<br>  "3351487"   "3428476"<br>  "3509694"   "3678654"<br>  "3709774"   "3852388"<br>  "3981749"  <br>"4088576").PN. OR<br>("4329157").URPN. | US-PGPUB;<br>USPAT; USOCR   | ADJ | OFF | 2009/02/18<br>12:07 |
| S25 | 835    | 428/398.ccls.   | US-PGPUB;<br>USPAT; USOCR   | ADJ | OFF | 2009/02/18<br>12:12 |
| S26 | 79     | S25 and ceramic   | US-PGPUB;<br>USPAT; USOCR   | ADJ | OFF | 2009/02/18<br>12:12 |
| S27 | 3      | "0693961"   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>DERWENT                           | ADJ | OFF | 2009/02/18<br>14:58 |

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| S28 | 3   | ("4329157"   "4935199").<br>PN. OR ("6261510").<br>URPN. | US-PGPUB;<br>USPAT; USOCR   | ADJ | OFF | 2009/02/18<br>14:59 |
| S29 | 1   | GB-A-12022565  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2009/02/18<br>15:51 |
| S30 | 0   | "12022565"   | EPO; DERWENT  | ADJ | OFF | 2009/02/18<br>15:52 |
| S31 | 3   | ("4222977"   "4571414"<br>  "5135895").PN.               | US-PGPUB;<br>USPAT; USOCR   | ADJ | OFF | 2009/02/18<br>15:53 |
| S36 | 157 | (trioxadecanoic or<br>dioctaheptanoic) acid              | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2009/07/21<br>11:35 |
| S37 | 1   | S36 and ceramic mass                                     | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2009/07/21<br>11:35 |
| S38 | 38  | S36 and ceramic  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2009/07/21<br>11:36 |
| S39 | 157 | (trioxadecanoic or TODS<br>or dioctaheptanoic) acid      | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2009/07/21<br>11:40 |
| S40 | 158 | (trioxadecanoic or TODA<br>or dioctaheptanoic) acid      | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2009/07/21<br>14:10 |
| S41 | 38  | S40 and ceramic  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2009/07/21<br>14:10 |

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| S42 | 2   | DE-10035679-\$.DID.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2009/07/21<br>14:27 |
| S43 | 5   | ("4657754"   "4818515"<br>  "4845056"   "6066584"<br>  "6503475").PN. OR<br>("7022305").URPN.  | US-PGPUB;<br>USPAT; USOCR   | ADJ | OFF | 2009/07/21<br>16:04 |
| S44 | 37  | ((RALPH) near2<br>(NONNINGER)).INV.  | US-PGPUB;<br>USPAT; USOCR   | ADJ | ON  | 2009/11/03<br>15:46 |
| S45 | 464 | 264/610,632,634.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2009/11/04<br>09:43 |
| S46 | 11  | S45 and (ceramic with<br>hollow with (fiber or<br>fibre))  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2009/11/04<br>09:43 |
| S47 | 8   | ("4222977"   "4571414"<br>  "5135895").PN. OR<br>("5707584").URPN.   | US-PGPUB;<br>USPAT; USOCR   | ADJ | ON  | 2009/11/04<br>09:58 |
| S48 | 0   | (09/272156).APP.   | US-PGPUB;<br>USOCR  | ADJ | ON  | 2009/11/04<br>10:02 |
| S49 | 9   | ("4175153"   "4222977"<br>  "4778499"   "5707584"<br>  "5766760"   "5922299"<br>  "H000721").PN. OR<br>("6573208").URPN.   | US-PGPUB;<br>USPAT; USOCR   | ADJ | ON  | 2009/11/04<br>10:06 |
| S50 | 30  | ("4175153"   "4203772"<br>  "4222977"   "4248637"<br>  "4360506"   "4446024"<br>  "4724078"   "4777152"<br>  "4778499"   "5055429"<br>  "5082607"   "5141683"<br>  "5415775"   "5707584"<br>  "5750449"   "5766760"<br>  "5810912"   "5922299"<br>  "5925451"   "6153547"<br>  "6210612"   "6375014"<br>  "6399528"   "6423537"<br>  "6479418"   "6573208"<br>  "6582796"   "6592787"<br>  "6616842"  <br>"H000721").PN. OR<br>("7199067").URPN. | US-PGPUB;<br>USPAT; USOCR   | ADJ | ON  | 2009/11/04<br>14:11 |

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